

**ABSTRACT OF THE DISCLOSURE:**

A lighting assembly that is modular and highly configurable is disclosed. The assembly consists of one or more light fixtures that are fitted into a mounting rail. A flat, flexible cable lies within the rail and makes contact with the light fixtures through spring-loaded connectors. A power conditioning unit supplies power to the lighting assembly. The lighting assembly may be assembled and maintained with a minimum of tools, and is adaptable to a wide variety of environments and lighting design options.